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(54) Title: **CROSSLINKABLE, PHOTOACTIVE POLYMERS AND THEIR USE**

(57) Abstract: Copolymers composed of (a) at least one monomer from the group of acrylates, methacrylates, acrylamides and methacrylamides, to each of which is bonded covalently, directly or via a bridging group, a photochemically isomerizable or dimerizable molecule, (b) at least one polyoxyalkyl ester or one polyoxyalkylamide of an ethylenically unsaturated mono- or dicarboxylic acid, or one polyoxyalkyl ether of an ethylenically unsaturated alcohol, and (c) optionally, other ethylenically unsaturated comonomers are outstandingly suitable as alignment layers for liquid crystals.



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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 763 552 A (ROLIC AG) 19 March 1997 (1997-03-19) cited in the application the whole document	1-26
A	WO 00/59966 A (ROLIC AG ; SEIBERLE HUBERT (DE); MARCK GUY (FR); MULLER OLIVIER (FR)) 12 October 2000 (2000-10-12) the whole document	1-26

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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